

SCHOOLCRAFT COLLEGE
CUSTOMER 18600 HAGGERTY
SEE REVERSE SIDE ATTN: DIR. OF BLDGS/GROUNDS
LIVONIA, MICHIGAN 48151

**MATERIAL SAFETY
DATA SHEET**

Huntington.

DATE 1/22/92
CUSTOMER NO. 300177

MSDS DATE 10/01
PRODUCT NO. 10271
INVOICE NO. 91666

SECTION I - IDENTITY

MANUFACTURER'S NAME Huntington Laboratories, Inc.	EMERGENCY TELEPHONE NO. 219/356-8100	ADDRESS (Number, Street, City, State and Zip Code) 970 East Tipton Street, Huntington, Indiana 46750
CHEMICAL NAME AND SYNONYMS N/A		TRADE NAME AND SYNONYMS TOR
CHEMICAL FAMILY QUATERNARY GERMICIDAL DETERGENT		FORMULA N/A

SECTION II - HAZARDOUS INGREDIENTS

CAS NO.	PRINCIPAL HAZARDOUS COMPONENTS	%	ACGIH TLV	OS PI
8001-54-5	N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	1.6	N/A	N
27479-28-3	N-ALKYL DIMETHYL ETHYL BENZYL AMMONIUM CHLORIDE	1.6	N/A	N

SECTION III PHYSICAL DATA

APPEARANCE AND ODOR CLEAR, GREEN LIQUID; SASSAFRAS ODOR	pH VALUE 12.2-		
SPECIFIC GRAVITY (H ₂ O=1) 1.06	PERCENT, VOLATILE BY VOLUME (%) 85	REACTIVITY IN WATER NONE (WATER = 1)	EVAPORATION RATE NONE
BOILING POINT (°F.) 212	SOLUBILITY IN WATER 100%	VAPOR DENSITY (AIR=1) <1	VAPOR PRESSURE (mm Hg.) 17.5

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT METHOD USED NONE, TOC	FLAMMABLE LIMITS UPPER N/A LOWER N/A	AUTO-IGNITION TEMP. N/A	SPECIAL FIRE FIGHTING PROCEDURES NONE
CONT: EXTINGUISHING MEDIA N/A			
UNUSUAL FIRE AND EXPLOSION HAZARDS NONE			

SECTION V - PHYSICAL HAZARDS

STABILITY UNSTABLE <input type="checkbox"/>	STABLE <input checked="" type="checkbox"/>	CONDITIONS TO AVOID NONE	
INCOMPATIBILITY (MATERIALS TO AVOID) ACIDS			
HAZARDOUS DECOMPOSITION PRODUCTS NONE			
HAZARDOUS POLYMERIZATION <input type="checkbox"/>	MAY OCCUR <input type="checkbox"/>	WILL NOT OCCUR <input checked="" type="checkbox"/>	CONDITIONS TO AVOID NONE

SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE SEE SEC. II	EFFECTS OF OVEREXPOSURE 1. INHALATION NO ADVERSE REACTION EXPECTED.	2. EYES CONCENTRATE CAUSES DAMAGE.	3. SKIN CONCENTRATE CAUSES SEVERE IRRITATION	
4. INGESTION CONCENTRATE IS HARMFUL OR FATAL.	CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN <input type="checkbox"/>	NATIONAL TOXICOLOGY PROGRAM <input type="checkbox"/>	I.A.R.C. MONOGRAPHS <input checked="" type="checkbox"/>	OSHA <input checked="" type="checkbox"/>
EMERGENCY AND FIRST AID PROCEDURES 1. INHALATION MOVE TO FRESH AIR.				

2. EYES IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. CALL A PHYSICIAN.
3. SKIN FLUSH WITH PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING. CALL A PHYSICIAN. WASH CLOTHING BEFORE REUSE.
4. INGESTION PROMPTLY DRINK A LARGE QUANTITY OF WATER. AVOID ALCOHOL. CALL A PHYSICIAN IMMEDIATELY. NOTE TO PHYSICIAN: PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE. MEASURES AGAINST CIRCULATORY SHOCK, RESPIRATORY DEPRESSION, AND CONVULSION MAY BE NEEDED.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED CONTAIN SPILL. DO NOT CONTAMINATE FOOD, FEED, OR WATER.	WASTE DISPOSAL METHOD OPEN DUMPING IS PROHIBITED. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, FEDERAL REGULATIONS.
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SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE) NONE REQUIRED.	VENTILATION <input type="checkbox"/>	LOCAL EXHAUST <input type="checkbox"/>	MECH <input checked="" type="checkbox"/>	SPECIAL <input type="checkbox"/>	OTHER <input type="checkbox"/>
PROTECTIVE GLOVES RUBBER	EYE PROTECTION GOGGLES-CONC.	OTHER FACE SHIELD FOR CONCENTRATE. SAFETY GLASSES FOR USE DILUTION.			

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTION TO BE TAKEN IN HANDLING AND STORING KEEP UNDER LOCKED STORAGE SUFFICIENT TO MAKE IT INACCESSIBLE TO CHILDREN OR PERSONS UNFAMILIAR WITH ITS PROPER USE. FOLLOW LABEL DIRECTIONS. THIS IS CATIONIC MATERIAL, ITS ACTIVITY IS REDUCED BY SOAPS OR ANIONICS.
OTHER PRECAUTIONS TRIPLE RINSE CONTAINERS BEFORE DISPOSAL. DO NOT REUSE EMPTY CONTAINER.